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6415 S.W. Canyon Court • Suite 100 • Portland, Oregon 97221 • (503) 297-5676

#210.01

May 11, 1989

Ash Grove Cement West, Inc.  
3801 E. Marginal Way S.  
Seattle, WA 98134

Attention: Mr. Ken Rone

Subject: Electrical Remodel  
Ground Detection

Dear Ken:

Enclosed you will find four (4) sets of Drawing E9 (Rev.1) and Drawing E11 (new) and catalog information on a voltage monitor relay. This provides requirements for the installation of ground detection on the 240 volt, 3-wire system to the office building in accordance with the City of Seattle requirements.

Drawing E9 revision shows the recommended physical installation at the bag plant new electrical equipment room. Drawing E11 provides complete information on construction and wiring of the ground detection sensing and alarm equipment. The relays should be set to pick-up at approximately 125 volts (50% of range) and to drop out at approximately 100 volts (80% of pick-up).

The ground detection system can be built and installed by any electrician you choose to do the work. If they should have any technical questions please have them contact me.

Sincerely,

Mark C. Wirfs, P.E.  
Electrical Engineer

MCW:mc  
Enclosures

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